IQ Analyzer 6400/6600
Product Enhancements

What's New?

- ❖ Data Logging
  - ➤ Time & Reason for last 504 meter events including:
    - ▪ New Status Change Indicators
    - ▪ Time of Alarms
    - ▪ Power Up
    - ▪ Resets
    - ▪ Setting Changes
    - ▪ INCOM Connection
- ❖ Expanded Event Storage
  - ➤ In addition to the data logging of the last 504 events the last 10 Waveform Events are also captured and stored
- ❖ New Trending capabilities
  - ➤ 4 Independent trends
  - ➤ Up to 6 parameters per trend
  - ➤ Can chose from over 94 parameters
  - ➤ Total of 90K bytes of storage
    - ▪ A single parameter can be saved every 15 minutes for 234 days
  - ➤ Independent memory allocation for each trend
  - ➤ Can be used with PowerNet to generate CBEMA/ITIC plots of sags and swells
  - ➤ Can be used to monitor motor starting
  - ➤ Sampling rate can be set from 8 cycles to 5040 minutes (3 1/2 days)
  - ➤ Trend 1-3 can save data on a discrete input
  - ➤ Trend 4 can save data on a meter event
  - ➤ If the time period is set for an integer divisor of 60 the period starts at the next full hour.
- ❖ Time of use registers
  - ➤ 32 Schedules including:
    - ▪ 8 Weekday
    - ▪ 8 Holiday
    - ▪ 8 Saturday
    - ▪ 8 Seasons
    - ▪ 8 Sunday
  - ➤ Each schedule can change 9 times a day
  - ➤ 4 Different utility rates
  - ➤ Watt-hours, VAR-hours, VA-hours recorded
  - ➤ TOU Demands saved for Amps, Watts, VARS & VA
- ❖ Fundamental Phase Angle displayed at the device
- ❖ Can change CT polarity from the faceplate of the device
- ❖ CE Mark for separately powered units
- ❖ Independent Certification of ANSI C12.20 0.5% Accuracy
- ❖ New Display and Faceplate
  - ➤ Polycarbonate faceplate for higher durability & temperature
  - ➤ Rugged outer edge
  - ➤ Reset button changed from red to blue
  - ➤ Reverse mode, LED back-lit LCD
  - ➤ Yellow on black graphical display

IQ Analyzer 6400/6600
Product Enhancements

- ➢ High reliability
- ❖ 4 custom screens
  - ➢ List of programmable items extended
  - ➢ Real time clock - can be synchronized to the line to ensure accuracy
  - ➢ Min/Max Values since last trend
  - ➢ Magnitude THD (Voltage and Current)
  - ➢ Displays each screen for 5 seconds
- ❖ New 24-48VDC power Supply option